

IN THE CLAIMS:

Please amend the claims as follows:

1. (Currently Amended) Method for the machining of wood workpieces, ~~squared timbers, boards and the like in a machining installation, said method comprising~~
providing at least one machining aggregate ~~being provided,~~
providing a conveying system in the each of a feeding region and a discharge
~~region of which one conveying system each is provided for the wood workpiece,~~
~~wherein, if necessary,~~
providing at least one of the conveying system ~~also has systems with a~~
positioning system for the wood workpiece, and ~~the machining aggregate carries out,~~
~~if necessary, besides a~~
machining of ~~the~~ a front end region of the wood workpiece and ~~also~~ other
machinings on the wood workpiece by the machining aggregate.
2. (Currently Amended) Method according to claim 1, ~~characterised in that the~~
~~positioning system, respectively~~ wherein a measuring equipment is connected with
it, the positioning system is normalised normalized during ~~the~~ a first machining of the

wood workpiece by means of the machining aggregate to the respective position of the conveying system to the wood workpiece.

3. (Currently Amended) Method according to claim 1, ~~characterised in that~~ wherein the conveying system ~~recognises~~ recognizes, collects and indexes the wood workpiece before a machining, and thus ~~the~~ a respective position of the conveying system to the wood workpiece is ~~normalised~~ normalized.

4. (Currently Amended) Method according to claim 1, ~~characterised in that in the feeding and discharge region one conveying system each with~~ wherein a positioning system is provided for each conveying system in the feeding region and the discharge region, and the positioning systems of both conveying systems are ~~normalised~~ normalized.

5. (Currently Amended) Method according to claim 1, ~~characterised in that in the feeding and discharge region one conveying system each is provided with~~ wherien a positioning system is provided for each conveying system in the feeding region and the discharge region and the positioning systems ~~can be synchronised~~ are synchronized.

6. (Currently Amended) Method according to claim 1, ~~characterised in that in the feeding and discharge region one conveying system each is provided with~~ wherein a positioning system is provided for each conveying system in the feeding region and the discharge region and during ~~the further~~ machining the wood workpiece is positioned in the machining aggregate by ~~the~~ a first conveying system as well as by ~~the~~ a second conveying system as well as by both conveying systems.

7. (Currently Amended) Method according to claim 1, ~~characterised in that~~ wherein the wood workpiece is machined ~~on~~ during its passage through at least one of the conveying systems by ~~means of~~ the machining aggregate, and thus a carrying path ~~carrying~~ is made ~~possible~~.

8. (Currently Amended) Method according to claim 1, ~~characterised in that~~ wherein the wood workpiece is fixed before ~~the machining, at least before the~~ a first machining.

9. (Currently Amended) Machining installation for the machining of wood workpieces, ~~squared timbers, boards, stacks of boards and the like,~~ said machining installation comprising

a machining aggregate,

a feeding region,

a discharge region,

a first conveying system for the wood workpiece ~~being~~ provided in a the feeding region, ~~which conveys~~ for conveying fed wood workpieces to a the machining aggregate, and

a second conveying system ~~being~~ provided on the discharge side region of the machining aggregate, ~~characterised in that~~ the second conveying system including a coupling unit along a guideline through the discharge region, said coupling unit having two co-operating tong parts, at least one of the tong parts being moveable, and the two tong parts grasping the wood workpiece from above and below,

at least one of the conveying systems (1, 2) conveys the wood workpiece (3) for or during further machinings ~~of~~ by the machining aggregate (4) and at least one conveying system has a positioning system co-operating with ~~the~~ measuring equipment, ~~making~~ to make an exact positioning possible.

10. (Currently Amended) Machining installation according to claim 9, ~~characterised in that~~ wherein the conveying regions (90, 91) of the first and the

second conveying system (~~1, 2~~) join each other in ~~the~~ a region of the machining aggregate (~~4~~) or overlap partly.

11. (Currently Amended) Machining installation according to claim 9, characterised in that wherein at least one of the first and the second conveying system ~~has~~ systems have a positioning system ~~which co-operates~~ cooperating with a measuring equipment, making an exact positioning and path carrying of the wood workpiece (~~3~~) in the machining aggregate (~~4~~) possible.

12. (Currently Amended) Machining installation according to claim 9, characterised in that wherein the conveying system ~~has at least one non-positively, respectively positively, acting coupling unit (20) by means of which the~~ second conveying system (~~2~~) is connected with the wood workpiece (~~3~~) by the coupling unit for conveying, path carrying, respectively positioning, purposes.

13. (Currently Amended) Machining installation according to claim 9, characterised in that wherein the first conveying system (~~1~~) is formed by at least one driven driving roller (~~10~~) which conveys the wood workpiece (~~3~~) supported by one of a machine table or and a roller conveyor.

14. (Currently Amended) Machining installation according to claim 9, characterised in that wherein a supporting beam (12) is provided which carries in particular ~~on its respective~~ on a beam end at least one driving roller (10).

15. (Currently Amended) Machining installation according to claim 9, characterised in that wherein a supporting beam (12) extends parallel to the ~~a~~ conveying direction (30) of the wood workpiece.

16. (Currently Amended) Machining installation according to claim 9, characterised in that wherein a supporting beam (12) is supported in one of seesawing ~~or around an axis and~~ rotatable around an axis.

17. (Currently Amended) Machining installation according to claim 9, characterised in that wherein at least one driving beam (19) is provided which carries on its an end a driving roller (10), the driving beam (19, 19') ~~being~~ is supported seesawing, respectively rotatable, on the other end around an axis (201).

18. (Currently Amended) Machining installation according to claim 9, characterised in that ~~the conveying system (2) is formed by a~~ wherein the coupling unit ~~(22) which can~~ is traverse along a the guide line ~~(21) for the wood workpiece.~~

19. (Currently Amended) Machining installation according to claim 9, characterised in that wherein the machining aggregate (4) has at least one tool (41) which ~~can be~~ is positioned, ~~respectively moved,~~ at least along an axis, which is preferably rectangular to ~~the~~ a conveying direction of the conveying system, and during the machining a path ~~carrying by means of overlapping of the movement of the wood workpiece (3) is provided through the conveying system (1, 2) with the movement of the tool (41).~~

20. (Currently Amended) Machining installation according to claim 9, characterised in that ~~the~~ wherein a positioning system ~~comprises a~~ includes measuring equipment and the measuring equipment is formed by a measuring wheel (11) which rolls off on the wood workpiece (3).

21. (Currently Amended) Machining installation according to claim 9, characterised in that wherein the first conveying system (1) is formed by at least one

driven driving roller (10) which conveys the wood workpiece (3) supported by one of a machine table ~~or~~ and a roller conveyor, and ~~the~~ a positioning system ~~comprises~~ a includes measuring equipment and the measuring equipment is formed by a measuring wheel (11) which rolls off on the wood workpiece (3) and the measuring wheel (11') is located beneath the driving roller.

22. (Currently Amended) Machining installation according to claim 9, characterised in that ~~the~~ further comprising measuring equipment is formed by a measuring wheel (11) which rolls off on the wood workpiece (3) and the measuring wheel (11) is provided in ~~the~~ a range of the machining aggregate (4).

23. (Cancelled)

24. (Currently Amended) Machining installation according to claim 9, characterised in that ~~the conveying system (2) is formed by a coupling unit (22) which can traverse along a guide line (21) and in the guide line (21) and wherein the coupling unit (20) following~~ follows after ~~that~~ a measuring equipment is provided.

25. (Currently Amended) Machining installation according to claim 9, characterised in that the wherein a finished wood workpiece (3) is deposited in the discharge region (91) on a supporting table (92), which can, if necessary, be lowered, or on supports (202) which can be lowered or removed and a pusher pushes away the wood workpiece (3) ~~essentially~~ rectangular to its a longitudinal extension and the pusher traverses below the conveying system (2) without collisions.

26. (Currently Amended) Machining installation according to claim 9, characterised in that wherein in the discharge region (91) several supports (202) are provided which can be lowered, if necessary.

27. (Currently Amended) Machining installation according to claim 9, characterised in that the wood workpiece, if necessary, can be lowered so far that wherein a coupling carriage traverses ~~without collisions~~ the guideline.

28. (Currently Amended) Machining installation according to claim 9, characterised in that in the feeding region (90) wherein a bearing cross conveyer is provided in the feeding region which supplies the wood workpieces.

29. (Currently Amended) Machining installation according to claim 9, ~~characterised in that in the feeding region (90)~~ wherein a bearing cross conveyer is provided in the feeding region which supplies the wood workpieces and at the bearing cross conveyer at least one pull-in device is provided on which the wood workpieces are conveyed and orientated, the pull-in device then grasps the orientated wood workpiece and pulls it the wood workpiece in and then the first conveying system conveys the wood workpiece on.

30. (Currently Amended) Machining installation according to claim 9, ~~characterised in that in the feeding region (90)~~ wherein a bearing cross conveyer is provided in the feeding region which supplies the wood workpieces and the bearing cross conveyer conveys the wood workpiece to a stopper ~~or a stop rail~~ and the first conveying system is arranged in ~~the~~ a direction of ~~convey~~ conveyance of the bearing cross conveyer before the stopper, and the first conveying system conveys a wood workpiece on as soon as it the wood workpiece is in contact with the stopper.

31. (Currently Amended) Machining installation according to claim 9, ~~characterised in that~~ wherein the first conveying system (1) is formed by at least one driven driving roller (10) which conveys the wood workpiece (3) supported by one

~~of a machine table or and~~ a roller conveyor, and ~~the~~ a width of the driving roller (10) is smaller than ~~the~~ a smallest width of the wood workpiece ~~which has to be machined on.~~

32. (Currently Amended) Machining aggregate for the machining of wood workpieces, the machining aggregate ~~having~~ comprising

at least two different tools (41, 42), a first tool (41) ~~being~~ supported above the wood workpiece (3) and a second tool (42) ~~being~~ supported below the wood workpiece (3).

33. (Currently Amended) Machining aggregate according to claim 32, ~~characterised in that~~ wherein one of the first ~~or and the~~ second tool (41) is formed by a saw and the other of the second ~~or and the~~ first tool (42) is formed by one of a drill, mill, plane, inscribe, and mark ~~or special tools.~~

34. (Currently Amended) Machining aggregate according to claim 32, ~~characterised in that~~ wherein the first and second tools (41, 42) are movable each independent from each other ~~or coupled together~~, at least along an axis which is arranged ~~in particular~~ rectangular to ~~the~~ a direction of conveying and the tools also

~~can be~~ are positioned controlled and a movement of the ~~tool (41, 42)~~ tools is provided during the machining.

35. (Currently Amended) Machining aggregate according to claim 32, characterised in that wherein the tools (41, 42) ~~are designed in such a way that they~~ can be are one of turned, respectively be and tilted.

36. (Currently Amended) Machining aggregate according to claim 32, characterised in that wherein the tools (41, 42) are supplied in a tool magazine, ~~on a tool sledge, in particular the second tools (42) are supplied in a rotatable supported tool turret.~~

37. (Withdrawn) Conveying system wherein the conveying system serves for the conveying and, if necessary, also positioning of the wood workpiece and the conveying system has a coupling unit which can traverse along a guide line, characterised in that the coupling unit (20) has two co-operating tongs parts (25, 26), at least one of them being movable, and the two tongs parts (25, 26) grasp the wood workpiece (3) from above and below.

38. (Withdrawn) Conveying system according claim 37, characterised in that the tongs parts (25, 26) are designed longitudinal and extend parallel to the direction of conveying (22).

39. (Withdrawn) Conveying system according to claim 37, characterised in that the tongs parts (25, 26) can grasp the wood workpiece from the side, along the whole length of the wood workpiece.

40. (Withdrawn) Conveying system according to claim 37, characterised in that for a further conveying of the wood workpiece the tongs parts release the wood workpiece, the coupling unit traverses to another point, preferably in the direction of the machining aggregate and there the wood workpiece is grasped again.

41. (Withdrawn) Conveying system according to claim 37, characterised in that the tongs parts (25, 26) co-operate at least non-positively, respectively positively, with the wood workpiece (3).

42. (Withdrawn) ~~Transport~~ Conveying system according to claim 37, characterised in that the tongs part is formed like a jaw or like a cutter.

43. (New) Machining installation according to claim 9, wherein the tong parts extend longitudinally and extend parallel to a direction of conveying.
44. (New) Machining installation according to claim 9, wherein the tong parts grasp the wood workpiece from a side, along a whole length of the wood workpiece.
45. (New) Machining installation according to claim 9, wherein the tong parts release the wood workpiece for a further conveying of the wood workpiece, the coupling unit is moved to another point, and the wood workpiece is grasped again.
46. (New) Machining installation according to claim 9, wherein the tong parts are formed as a jaw.